Ekko U 67(45) h evo

Data sheet

Details

- Fireplace insert, open on three sides
- 67(45)51 – Height 51 cm
  67(45)57 – Height 57 cm
- Guillotine door, not supplied selfclosing from the factory
- Fixed front, side parts hinged
- Glass: 3-section
- Air module with Primary air shutdown
- Integrated flame correction for a straight flame
- Adjustable feet adjustable in height (manually/allen key)
- High-grade cast-iron dome, all parts can be moved, adjustable between 0 – 90°

Standard

- Kristall front
- Combustion air connector 125 mm

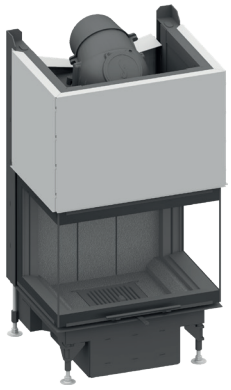
Optional

- Inner lining: chamotte white, anthracite and cast iron anthracite
- Selfclosing door
- Combustion air connector 150 mm
- Frames
- Frame system
- Support panel

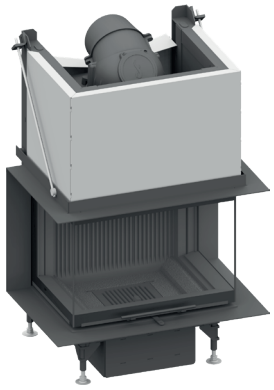
Accesories

- Hot water topmounted element
- External fuel-door
- Heat exchanger
- Top mounted heat exchanger
- Catalyst plates
- Auxiliary air mechanism
- Storage system SET 1
- Storage system SET 2
- Storage system SET 3
- Adera
- Safety controller
- Support frame

Ekko U 67(45)51 h evo with Chamotte white



Ekko U67(45)51 h evo with Chamotte anthracite



Ekko U 67(45)51 h evo with BRS and Cast iron anthracite

[1] The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and re-circulation air cross sections. Free cross section in cm^2 for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 cm^2/kW, recirculation air grille 200 cm^2/kW. The calculated values may be exceeded or fallen short of by up to 20%.

[2] When connected directly to the outside air, combustion is not dependent on the direct ambient air.

[3] The information regarding flue lengths is a recommendation and based on the calculation in accordance with TROL 2022 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 cm^2.

[4] Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / m^2

There may be modifications to the colour and technical details caused by ongoing developments; subject to errors and omissions. Dated: 08/2025

Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

Ekko U 67(45) h evo

Data sheet

Technical data

• Nominal heat output		9 kW
• Thermal output range		3,2 – 10,0 kW
• Efficiency		>80 %
• Insulation thickness (with a wall that does not need to be protected, based on TROL 2022, Reference insulation material)		80 mm
• Insulation thickness (Combustible components based on TROL 2022)		WDS 2 - WDS 4 H
• Combustion air connector		Ø 125 mm
• Type of combustion air supply		$VL_{Room,}$ $VL_{External}$
• Recommended length of logs		33 cm
• Weight		240–260 kg
• Heat distribution through the viewing window		65 %
• Heat distribution: convective output		35 %
• Recommended free cross-section[1]	Supply air	1080 cm²
	Recirculation air	900 cm²

Data for chimney sweep according to DIN EN 13384 (closed operation)

Triple values with nominal heat output

• Flue gas mass flow	10,2 g/s
• Flue gas temperature	221 °C
• Required delivery pressure	12 Pa

Triple values for calculating ceramic flues (wood fuel)

• Firing power	24,4 kW
• Flue gas mass flow	17,4 g/s
• Flue gas temperature upstream of the connecting surface	341 °C
• Required delivery pressure at the flue gas connector	15 Pa
• Combustion air requirement[2]	97,5 m³/h
• Recommended flue length[3]	3,5 m
• Fuel conversion	5,8 m³/h

Data for closed design

• Minimum heat-emitting surface[4]	3,5 m²

[1] The calculation was calculated according to TROL 2022 - Chapter 7.2.3.1 Supply and recirculation air cross sections. Free cross section in cm² for grid or breakthrough tile based on the heat output for air heating. Supply air grille 240 cm²/kW, recirculation air grille 200 cm²/kW. The calculated values may be exceeded or fallen short of by up to 20%.

[2] When connected directly to the outside air, combustion is not dependent on the direct ambient air.

[3] The information regarding flue lengths is a recommendation and based on the calculation in accordance with TROL 2022 chapter 15. The calculation is based on a medium-heavy design and a flue ratio of 360 cm².

[4] Average value based on the storage time. Dependent on the material properties and the construction thickness. Mean specific heat distribution = approx. 500 W / m²

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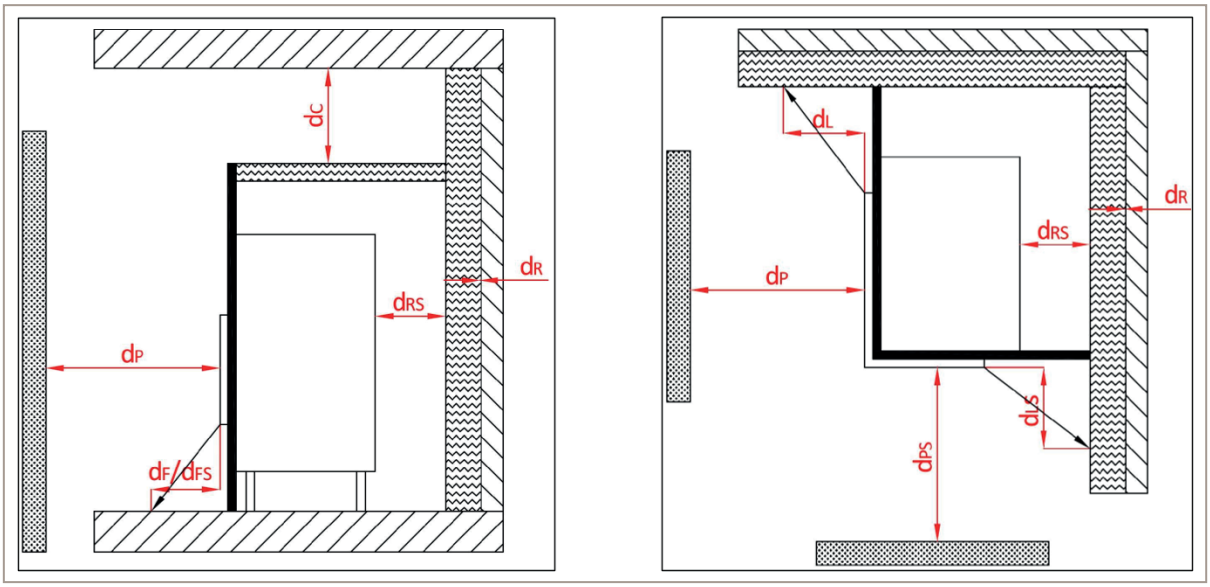
Energy efficiency class in accordance with (EU) 2015/1186

1. Federal Emissions Control Ordinance Stage 2

Made in Germany

Ekko U 67(45) h evo

Side radiation area convective hot air



View from the side and from above

Minimum distance to combustible materials:	**Abbr.**	**Fireplace inserts:**
		Ekko U 6745) h evo
ceiling	d_C	> 750 mm
rear and side (between the insulation and the test wall)	d_R	0 mm
rear and side (between the insulation and the insert)	d_{RS}	90 mm
side radiation area front glass	d_L	---
side radiation area side glass	d_{LS}	0 mm
to adjacent combustible materials front glass	d_P	800 mm
to adjacent combustible materials side glass	d_{PS}	800 mm
distance on the floor to the front	d_F	0 mm
distance on the floor to the side	d_{FS}	0 mm

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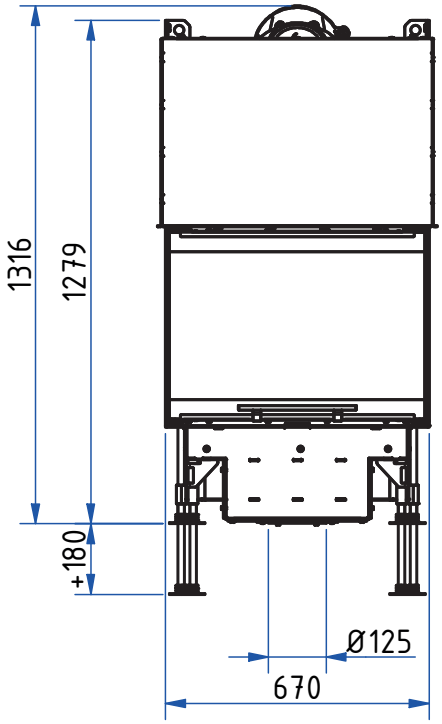
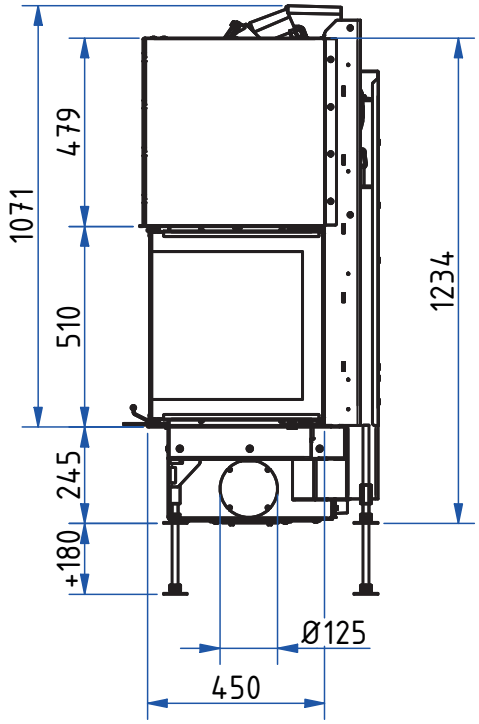
Ekko U 67(45)51 h evo

Dimensional drawing

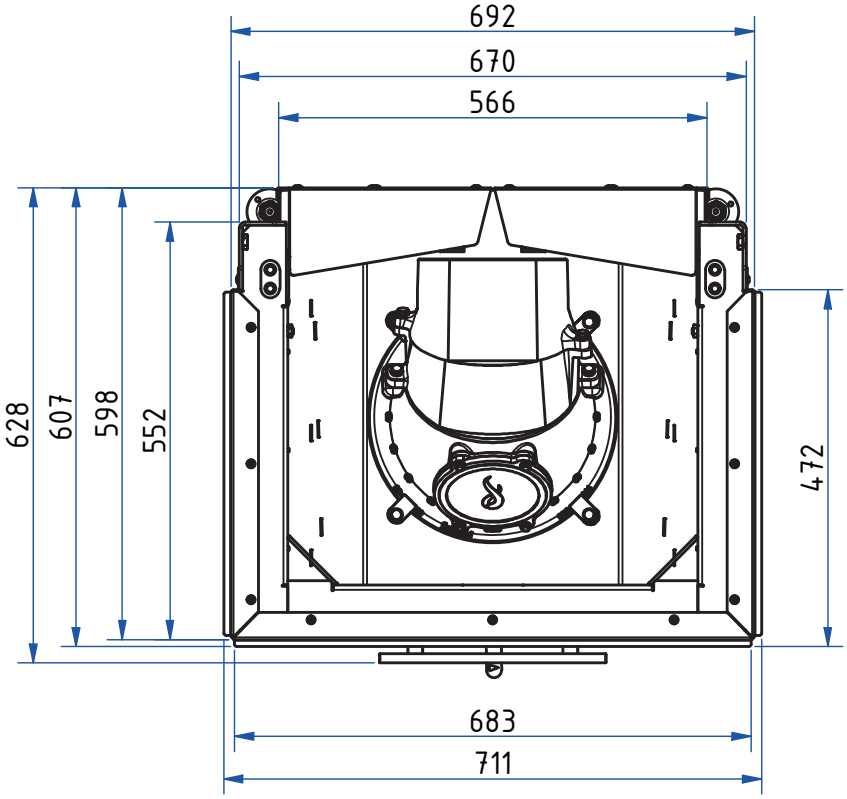
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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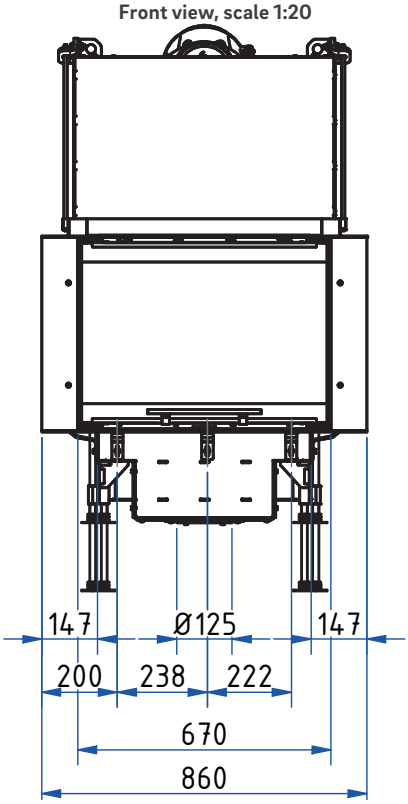
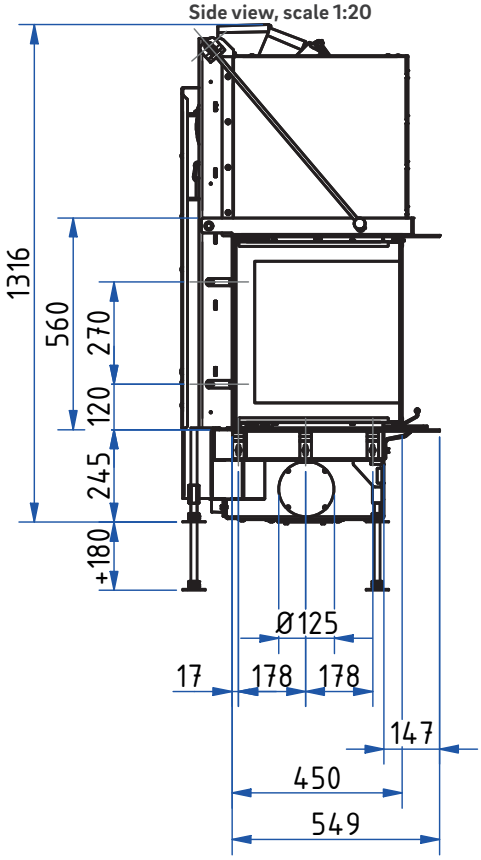
Ekko U 67(45)51 h evo

Dimensional drawing with frame system

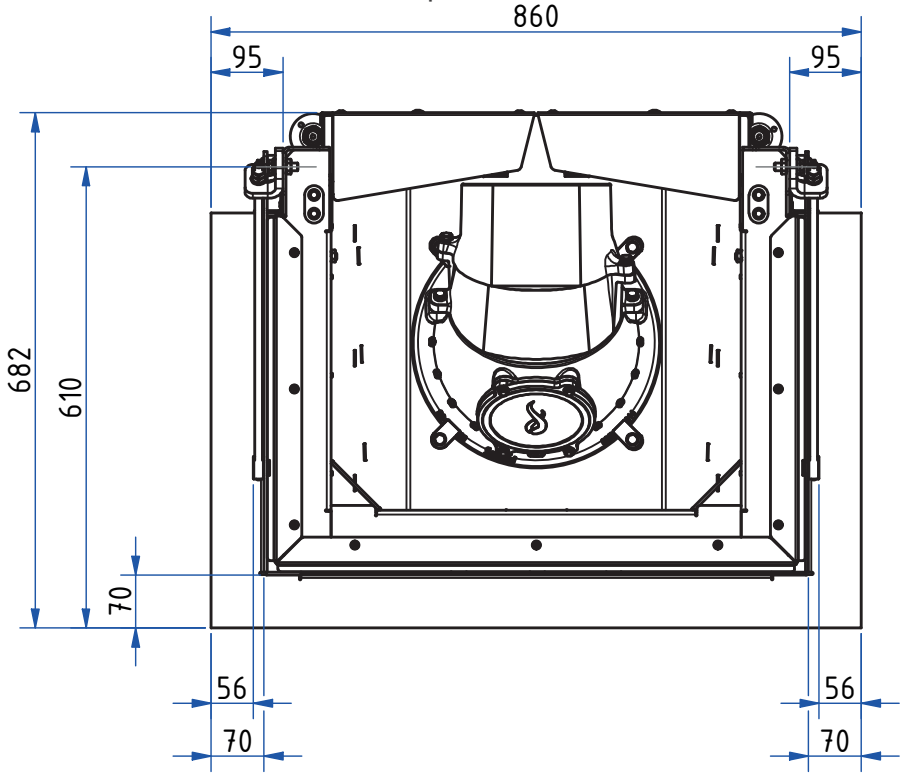
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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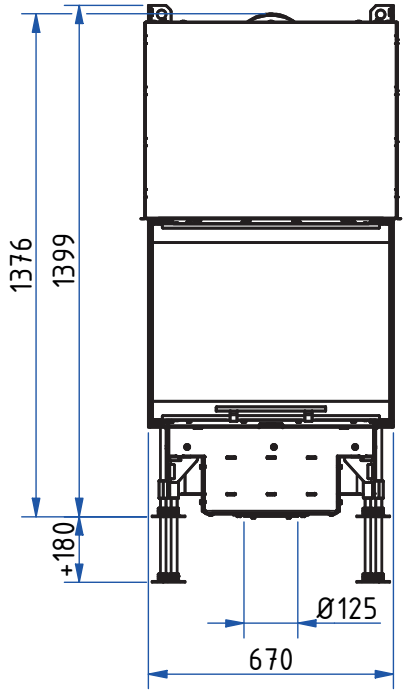
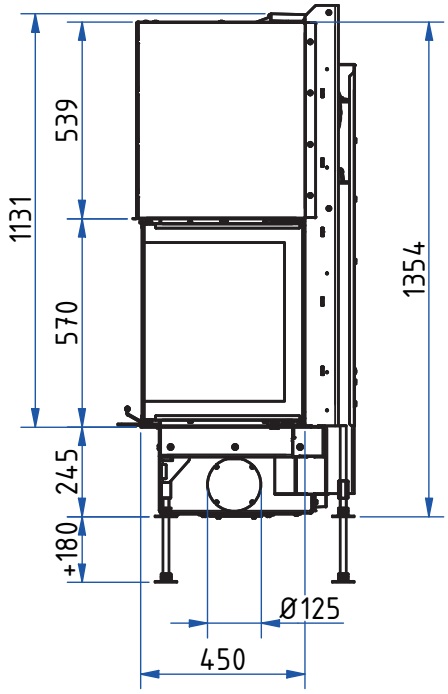
Ekko U 67(45)57 h evo

Dimensional drawing

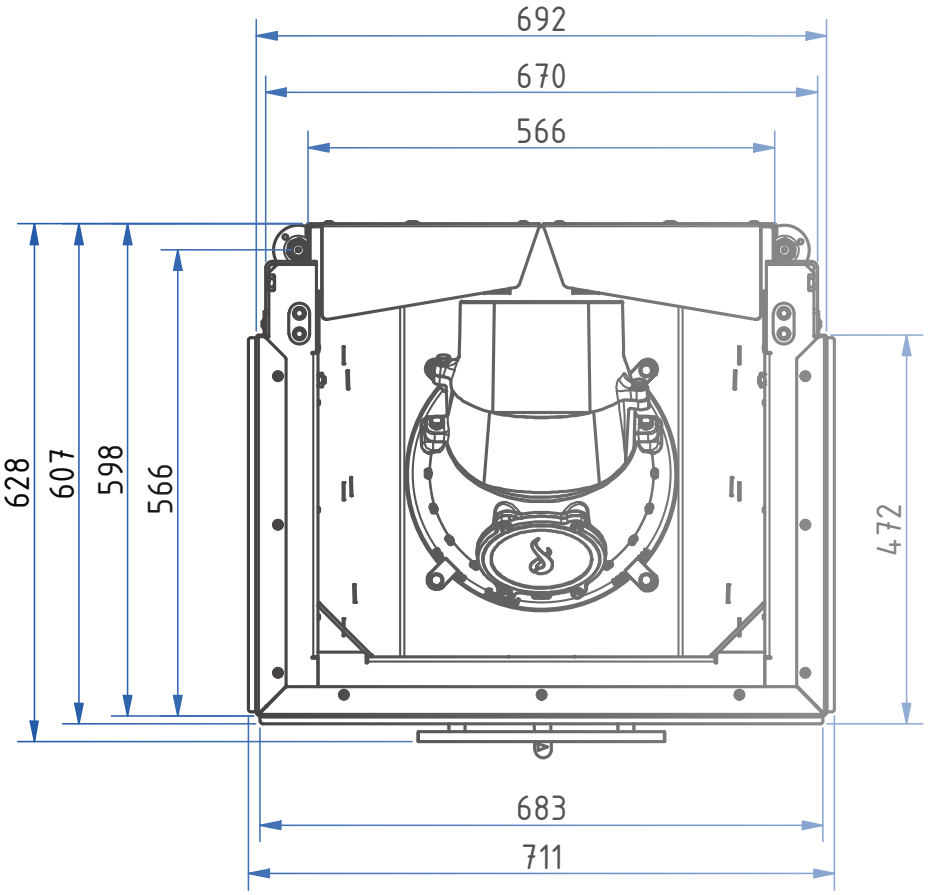
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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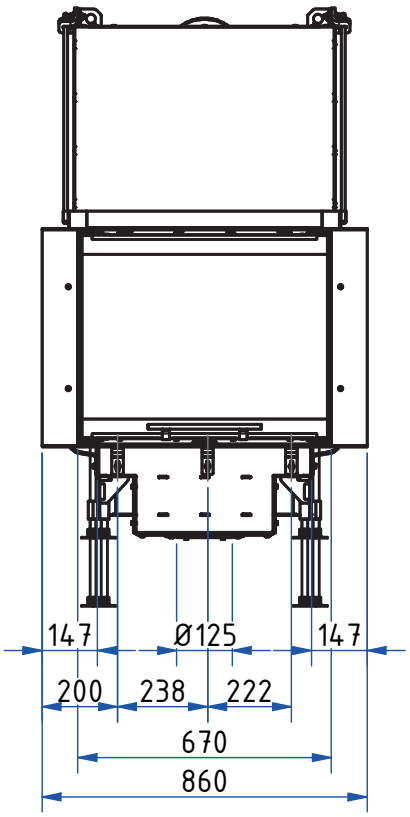
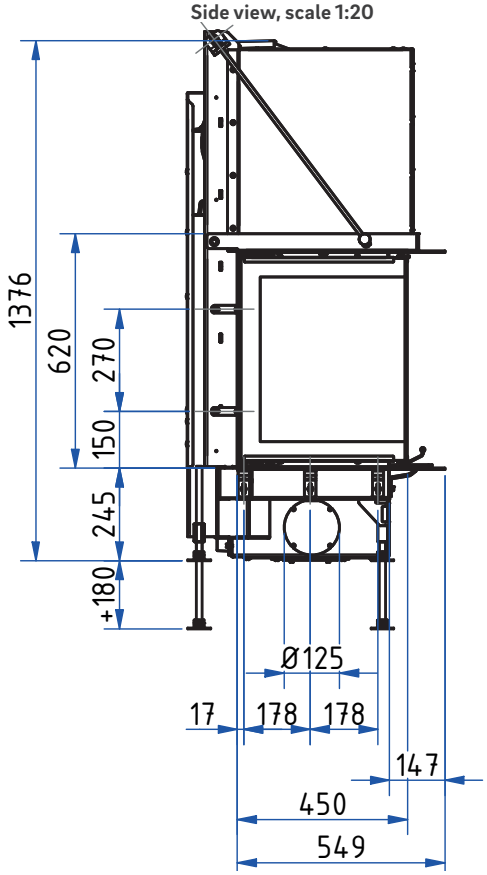
Ekko U 67(45)57 h evo

Dimensional drawing with frame system

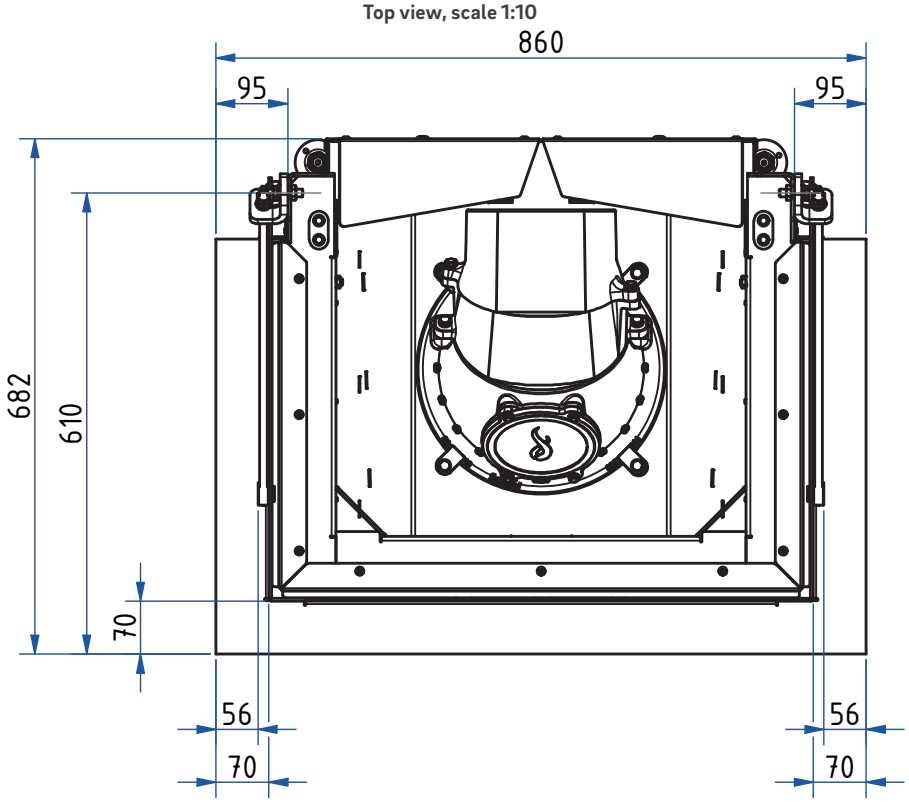
Front view, scale 1:20



Side view, scale 1:20



Top view, scale 1:10



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Product data sheet

Regulation (EU) 2015/1186 supplementing Directive 2010/30/EU

	Ekko U 67(45) evo
Supplier's name:	Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Supplier's model identifier:	Ekko U 67(45) evo
Energy efficiency class:	A
Direct heat output (kW)	9,0
Indirect heat output (kW):	–
Energy efficiency index (EEI):	106,4
Energy efficiency at nominal heat output (%):	80,3
Notes for specific precautions, installation or maintenance:	Please note the reference in the assembly instructions and operating manuals!

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	Ekko U 67(45) evo
Room heat output (kW)	9,0
Partial load-thermal output (kW)	–
Partial load-room heat output (kW)	–
Efficiency partial load - thermal output (%)	–
Room heating annual efficiency at nominal heat output	70,3
CO - Emissions (13% O2) at nominal heat output (mg/m^3)	< 1250
NOX - Emissions (13% O2) at nominal heat output(mg/m^3)	< 200
OGC - Emissions (13% O2) at nominal heat output (mg/m^3)	< 120
Particles - Emissions (13% O2) at nominal heat output (mg/m^3)	< 40
Required delivery pressure at nominal heat output (Pa)	12
Required delivery pressure at partial load-thermal output (Pa)	–
Chimney designation according chimney standard	T 400
Suitable for continuous burning operation (CON) or part-time operation (INT)	INT
Minimum distance to combustible components based on TROL 2022	WDS 2 - WDS 4H
Maximum carrying capacity by chimney (kg)	100

There may be modifications to technical details caused by ongoing developments; subject to errors and omissions. Dated: 08/2025

Camina & Schmid Feuerdesign und Technik GmbH & Co. KG
Gewerbepark 18 · 49143 Bissendorf · Phone +49 5402 7010-10 · Fax +49 5402 7010-70
www.camina-schmid.de · info@camina-schmid.de

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Camina Schmid **Ekko U 67(45) evo**

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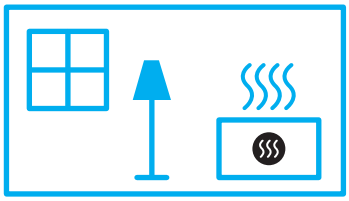

9,0
kW

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